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Customer Number: 26538
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Reference to: Application no. 09/681,093, Filling date: 01-02-2001, Customer no.: 26538, Attorney docket no.: IComm-12, confirm. No.: 8158

United States Patent and Trademark Office
Washington, D.C. 20231

Subject: Request to amend our pre-grant patent application number 09/681,093

The Honorable Commissioner for Patents:

We request to amend our pre-grant original patent application number 09/681,093 with the six (6) changes in order as specified below:

(1) Correction of Figure 13.
(2) correction in paragraph [0122] to remove sentence "When Counter is zero, the Mux selects the input R1, else it selects the recursive input Z1 from Decoder B".
(3) correction in claim [c8](b): "applying feedback signal from the output of the De-Interleaver Memory to the first decoder by adding the instrinsic values with the received signal input to generate a first decoded output."
(4) In Referenced-applications section, change text to:
"This patent is based upon the development of IP Core ASIC products for 3G-WDMA and 3G-CDMA2000 wireless communications applications by Icomm Technologies, Inc. since early 1998. Other U.S. Patent Application References: 60/167741 11/29/1999 60/131516 04/29/1999 60/120514 02/18/1999 60/120248 02/24/1999."
(5) In Claim [c9](c), change claim text:
"a State Metric module computing state metric values for each state in the trellis using branch metric values. A State Metric Computing module calculates the probability A(k) of each state transition in forward recursion and the probability B(k) in backward recursion."
(6) In Claim [c10], add claim text:
"The Decoder system of claim c7, wherein the decoder uses an implementation of state-metric in forward recursion with Add-Compare-Select (ACS).
The Decoder system of claim c7, wherein the decoder uses an implementation of state-metric in backward recursion with Add-Compare-Select (ACS). "

The amended patent specifications and figures are attached.

Respectfully yours,

Quang. Nguyen
Icomm Technologies, Inc.